IN THE CLAIMS:

and

The following **Listing of Claims** will replace all prior versions and listings of claims in the application:

(Currently Amended) A method of manufacturing an electro-active lens comprising:
 providing an electro-active element a lens blank comprising a front and back lens blank

 surface, a thickness and an index of refraction; and

covering an exposed surface of the electro-active element to produce an electro-active lens;

wherein the electro-active element comprises a plurality of pixels; and
wherein the electro-active lens is capable of focusing an image in ambient light.

placing an electro-active element on one of the front or back surface of the lens blank;

forming a covering layer over the surface of the lens blank containing the electro active element.

2. (Currently Amended). A method as in claim 1, wherein the exposed surface of the electroactive element is covered by a lens blank; and

wherein the lens blank is selected from the group consisting of a semi-finished blank, an unfinished lens blank, a lens wafer, a preformed optic and a finished lens blank.

3. (Currently Amended). A method as in claim 1 2, further comprising the forming of a recess in the front or back surface of the lens blank for receiving the electro-active element which is placed on the lens blank.

- 4. (Previously Presented). The method of claim 3 wherein the recess is formed by one of machining or molding the surface of the lens blank.
- 5. (Previously Presented). A method as in claim 1, wherein the electro-active element is connected to an electrical bus.
- 6. (Previously Presented). A method as in claim 5, wherein the bus is flexible.
- 7. (Previously Presented). A method as in claim 5, wherein the bus at least partially encircles the electro-active element.
- 8. (Previously Presented). A method as in claim 5, wherein the bus is connected to a transparent electro-active lead that reaches into a periphery of the electro-active lens.
- 9. (Previously Presented). A method as in claim 5, wherein the bus comprises a plurality of transparent electrical leads that radiate outward from the electro-active element.
- 10. (Previously Presented). A method as in claim 5, wherein the bus contains at least one perforation.
- 11. (Previously Presented). A method as in claim 1, wherein the electro-active element is connected to a controller.
- 12. (Previously Presented). A method as in claim 1, wherein the electro-active element is connected to a power source.
- 13. (Previously Presented). A method as in claim 12 wherein the power source is connected to a hinge of a spectacle frame.
- 14. (Previously Presented). A method as in claim 12 wherein the power source is connected to the temple of a spectacle frame.

- 15. (Currently Amended). A method as in claim 12 wherein the power source is connected to a hingeserew hinge screw of a spectacle frame.
- 16. (Previously Presented). A method as in claim 12 wherein the power source is contained within the electro-active lens.
- 17. (Currently Amended). A method as in claim 1, wherein the covering layer is formed by molding.
- 18. (Currently Amended). A method as in claim 1, wherein the covering layer is formed by surface-casting.
- 19. (Currently Amended). A method as in claim 1, wherein the covering layer is formed by conformal sealing.
- 20. (Currently Amended). A method as in claim 1, wherein the covering layer is formed by a lens wafer.
- 21. (Currently Amended). A method as in claim $\underline{2}$ +, wherein the lens blank is a finished lens blank having an optical power equal to a wearer's distance vision prescription.
- 22. (Currently Amended). A method as in claim $\underline{2}$ +, wherein the lens blank is a finished lens blank having an optical power equal to zero.
- 23. (Previously Presented). A method as in claim 1, wherein the electro-active element provides a refractive change.
- 24. (Currently Amended). A method as in claim 23, wherein the refractive change corrects for <u>a</u> higher order aberrations.
- 25. (Currently Amended). A method as in claim 23, wherein the refractive change corrects for a non-conventional unconventional refractive error of an eye.

26. (Currently Amended). A method as in claim 23, wherein the refractive change corrects for conventional refractive error of an eye;

wherein the conventional refractive error is at least one of myopia, hyperopia, presbyopia or regular astigmatism.

- 27. (Previously Presented). The method of claim I where in the electro-active element is connected to a view detector.
- 28. (Currently Amended). A lens manufactured according to the method of claim 2 1 wherein the lens blank corrects a wearer's conventional and non-conventional refractive error, and wherein the electro-active element corrects the wearer's spherical error.
- 29. (Currently Amended). A method of manufacturing an electro-active lens from a lens blank comprising

providing a lens blank comprising a front and back surface, a thickness and an index of refraction, the front or back lens blank surface having a recess;

placing an electro-active element containing a plurality of pixels within the recess of the lens blank surface; and

forming a covering layer over the surface of the lens blank containing the electro-active element;

wherein the electro-active element is capable of focusing an image in ambient light.

- 30. (Currently Amended) A method as in claim 29 31, wherein the covering layer is formed by way of a lens wafer.
- 31. (New) A method as in claim 29, wherein the covering layer is formed by way of curing an optical resin.

- 32. (New). A method as in claim 1, wherein the electro-active element creates a diffractive effect.
- 33. (New). A method as in claim 5, wherein the bus is bonded to the lens blank.
- 34. (New) A method of manufacturing an electro-active lens comprising:

providing an electro-active material; and

covering an exposed surface of the electro-active material to produce an electro-active

lens;

wherein the electro-active material is associated with a plurality of pixels; and wherein the electro-active lens is capable of focusing an image in ambient light.